

# **QSSP-PCIE-100**

## **User Manual**

**Ver. 1.00**

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## ***Features and Benefits***

Features	<ul style="list-style-type: none"><li>● Compliant with PCI Express Base Specification 1.0a</li><li>● Supports Standard Parallel Port(SPP), Enhanced Parallel Port(EPP) &amp; Enhanced Capability Port(ECP)</li><li>● Parallel data transfer rate up to 1.5MB/Sec</li><li>● Supports 4 x 16550 Fast UART serial port</li><li>● Serial data transfer rate up to 115200bps</li></ul>
Bus	<ul style="list-style-type: none"><li>● PCI-Express X1</li></ul>
Connectors	<ul style="list-style-type: none"><li>● 4 x DB9 male serial connectors</li><li>● 1 x DB25 female parallel connector</li></ul>

## ***Package Contents***

- 1 x QSSP-PCIE-100 Card
- 1 x Bracket with two DB9 male serial ports
- 1 x Bracket with one DB25 female parallel port
- 1 x Driver CD

## ***System Requirements***

- Windows® 2000/XP/Server 2003/Vista
- PCI Express-enabled system with an available PCI Express slot

## ***Hardware Installation***

1. Turn Off the power to your computer.
2. Unplug the power cord and remove your computer's cover.
3. Remove the slot bracket from an available PCIe slot.
4. To install the card, carefully align the card's bus connector with the selected PCIe slot on the motherboard. Push the board down firmly.
5. Connect the system power source to the board's power connector.
6. Replace the slot bracket's holding screw to secure the card.
7. Replace the computer cover and reconnect the power cord.

## ***Driver Installation***

Please make sure the board is installed before proceeding with driver installation.

## ***For Windows® 2000***

1. At the **Found New Hardware Wizard**, click **Next**.

2. Select **Search for a suitable driver for my device (recommended)**, and click **Next**.
3. Check **Specify a location**, uncheck the other boxes, then click **Next**.
4. Insert the Driver CD, type in the following path  
**D:\Drivers\PCIExpress\QSSP-PCIE-100\2000**, then click **OK**.  
(Change **D:** to match your CD-ROM driver letter)
5. Click **Next** and **Finish**.
6. Restart Windows to complete the installation.

### ***For Windows® XP***

1. At the **Found New Hardware Wizard**, select **Install from a list or specific location (Advanced)**, then click **Next**.
2. Insert the Driver CD, check **Include this location in the search**, uncheck the other box, type in the following path  
**D:\Drivers\PCIExpress\QSSP-PCIE-100\XP**, then click **OK**.  
(Change **D:** to match your CD-ROM drive letter)
3. If the **Hardware Installation** window pops up, click **Continue Anyway**, then **Finish**. Our driver has been thoroughly tested for stability and compatibility.
4. Repeat steps **1-3** five more times.

5. Restart Windows to complete the installation.

### ***For Windows® Server 2003***

1. At the **Found New Hardware Wizard**, select **Install from a list or specific location (Advanced)**, then click **Next**.
2. Insert the Driver CD, check **Include this location in the search**, uncheck the other box, type in the following path  
**D:\Drivers\PCIExpress\QSSP-PCIE-100\2003**, then click **OK**.  
(Change **D:** to match your CD-ROM drive letter)
3. If the **Hardware Installation** window pops up, click **Continue Anyway**, then **Finish**. Our driver has been thoroughly tested for stability and compatibility.
4. Repeat steps **1-3** five more times.
5. Restart Windows to complete the installation.

### ***For Windows® Vista***

1. At the **Found New Hardware Wizard**, select **Locate and install driver software (recommended)**.
2. Click on **I don't have the disc. Show me other options**.
3. Select the option **Browse my computer for driver software (advanced)**.

4. Insert the driver CD, check **Include subfolders**, type in **D:\Drivers\PCIExpress\QSSP-PCIE-100\Vista32**, then click **Next**. (Change **D:** to match your CD-ROM drive letter)
5. If the system prompts the user informing the drivers are not signed, select the option **Install this driver software anyway**.
6. Click on **Close** to complete the driver installation.

### ***To Verify Windows® Driver Installation***

1. Right click **My Computer**, then click **Manage**. Click **Device Manager**.
2. Click on the +(plus sign) in front of **Ports(COM & LPT)**, four **MosChip PCI Serial Port ...** and one **MosChip PCI Parallel Port ...** should be displayed.
3. Double click **Multifunction adapters, MosChip PCI Multi-I/O Controller** should be displayed.

### ***Change COM Port Number***

Some serial devices need a specific COM port in order to work. If your serial device works properly, do not change this setting.

### ***For Windows® 2000/XP/Server 20003/Vista Installation***

1. From the **Device Manager** window double click **Ports(COM &**

**LPT**), then double click the **MosChip PCI Serial Port** you want to change.

2. Click **Settings** tab and click **Advanced**.
3. Click the down arrow that is next to the **COM Port Number** box, select a COM port that is not in use, then click **OK**.
4. Click **OK**, then close **Device Manager** to save the changes. Follow steps **1-4** again to change the other three serial port if needed.

### ***Change Parallel Port Number***

Some parallel devices need a specific parallel port in order to work. If your parallel device works properly, do not change this setting.

#### ***For Windows® 2000/XP/Server 20003/Vista Installation***

1. From the **Device Manager** window double click **Ports(COM & LPT)**, then double click the **MosChip PCI Parallel Port ...**
2. Click **Port Settings** tab.
3. At the **LPT Port Number** box, click the down arrow and select an LPT port that is not in use.
4. Click **OK**, then close **Device Manager** to save the changes.